A2525-1

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** MAY 6, 1983 **NO.** 18

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 05/06/83	Last Week Ending: 04/29/83	Last Year Week Ending: 05/07/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,955	11,941	11,645	+ 14	+ 310
Operable capacity	16,854	16,854	17,492	0	- 638
Percent operated	70.9	70.8	66.6		
Motor Gasoline					
Total motor gasoline production	6,286	6,396	5,990	- 110	+ 296
Finished leaded motor gasoline production	2,699	2,871	*N/A*	- 172	*N/A*
Finished unleaded motor gasoline production	3,587	3,525	*N/A*	+ 62	*N/A*
Total motor gasoline stocks	227,597	225,062	222,245	+ 2,535	+ 5,352
Finished leaded motor gasoline stocks	91,911	91,226	*N/A*	+ 685	*N/A*
Finished unleaded motor gasoline stocks	94,973	92,169	87,205	+ 2,804	+ 7,768
Distillate Fuel Oil					
Distillate fuel oil production	2,340	2,302	2,554	+ 38	- 214
Distillate fuel oil stocks	106,906	107,797	109,955	- 891	- 3,049
Residual Fuel Oil					
Residual fuel oil production	1,126	1,049	1,159	+ 77	- 33
Residual fuel oil stocks	45,637	43,720	52,836	+ 1,917	- 7,199
Imports					
Crude oil imports	2,921	2,682	2,510	+ 239	+ 411
Product imports	1,663	1,605	1,055	+ 58	+ 608
Crude Oil Stocks					
Crude oil stocks	357,846	358,143	369,002	- 297	- 11,156

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,180	969	986	1,569	62.8
Appal. No. 1	90	88	88	98	89.8
DISTRICT 1 TOTAL	1,270	1,057	1,074	1,667	64.4
Appal. No. 2	53	49	52	66	78.8
Ind., Ill., Ky.	1,961	1,821	1,833	2,399	76.4
Minn., Wis., Daks.	228	213	218	293	74.4
Okla., Kans., Mo.	758	672	677	858	78.9
DISTRICT 2 TOTAL	3,000	2,755	2,780	3,616	76.9
Inland Texas	507	422	447	592	75.5
Texas Gulf Coast	3,034	2,783	2,848	4,164	68.4
La. Gulf Coast	2,138	1,938	1,990	2,748	72.4
N. La. and Ark.	220	196	211	314	67.2
New Mexico	67	57	61	117	52.1
DISTRICT 3 TOTAL	5,966	5,396	5,557	7,935	70.0
DISTRICT 4 TOTAL	430	404	409	553	74.0
DISTRICT 5 TOTAL	2,250	2,097	2,135	3,083	69.3
TOTAL U.S.	12,916	11,709	11,955	16,854	70.9
TOTAL U.S. Weeks Ended:					
APR. 29, 1983	12,944	11,648	11,941	16,854	70.8
MAY 7, 1982	12,585	11,311	11,645	17,492	66.6
DISTRICTS 1–4 Weeks Ended:					
MAY 6, 1983	10,666	9,612	9,820	13,771	71.3
APR. 29, 1983	10,760	9,647	9,906	13,771	71.9
MAY 7, 1982	10,558	9,328	9,600	14,408	66.6

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	576	189	387	10	11	260	111
Appal. No. 1	35	18	17	2	--	23	4
DISTRICT 1 TOTAL	611	207	404	12	11	283	115
Appal. No. 2	31	15	16	2	--	14	1
Ind., Ill., Ky.	1,113	525	588	16	103	296	88
Minn., Wis., Daks.	125	54	71	2	7	41	8
Okla., Kans., Mo.	410	228	182	10	27	168	11
DISTRICT 2 TOTAL	1,679	822	857	30	137	519	108
Inland Texas	248	96	152	26	25	91	19
Texas Gulf Coast	1,404	533	871	61	167	606	226
La. Gulf Coast	1,066	448	618	4	194	349	227
N. La. and Ark.	60	37	23	11	--	59	14
New Mexico	34	22	12	13	1	21	1
DISTRICT 3 TOTAL	2,812	1,136	1,676	115	387	1,126	487
DISTRICT 4 TOTAL	220	134	86	11	20	105	11
DISTRICT 5 TOTAL	964	400	564	64	219	307	405
TOTAL U.S.	6,286	2,699	3,587	232	774	2,340	1,126
TOTAL U.S. Weeks Ended:							
APR. 29, 1983	6,396	2,871	3,525	187	848	2,302	1,049
MAY 7, 1982	5,990	*N/A*	*N/A*	163	712	2,554	1,159
DISTRICTS 1–4 Weeks Ended:							
MAY 6, 1983	5,322	2,299	3,023	168	555	2,033	721
APR. 29, 1983	5,421	2,463	2,958	144	594	1,990	675
MAY 7, 1982	5,177	*N/A*	*N/A*	129	564	2,245	800

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 6, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,413	2,715	2,698	--	112	956	4,171	2,278	--
Central Atlantic	28,080	10,965	13,335	3,780	623	5,136	17,858	13,875	12,512
Lower Atlantic	29,138	14,752	14,233	153	229	4,499	12,270	2,855	532
DISTRICT 1 TOTAL	62,631	28,432	30,266	3,933	964	10,591	34,299	19,008	13,044
DISTRICT 2 TOTAL	67,114●	29,334●	27,907	9,873	1,338	7,350	32,696	3,988	20,263
DISTRICT 3 TOTAL	63,428	21,998	24,645	16,785	2,868	11,164	27,859	12,639	50,964
DISTRICT 4 TOTAL	8,325	3,251	1,813	3,261	257	690	2,582	506	3,059
DISTRICT 5 TOTAL	26,099	8,896	10,342	6,861	1,666	6,162●	9,470	9,496	25,160
TOTAL U.S.	227,597	91,911	94,973	40,713	7,093	35,957	106,906	45,637	112,490
TOTAL U.S. Weeks Ended:									
APR. 29, 1983	225,062●	91,226●	92,169	41,667	6,834	35,956●	107,797	43,720	115,329
MAY 7, 1982	222,245	*N/A*	87,205	*N/A*	6,347	36,247	109,955	52,836	120,020
DISTRICTS 1-4 Weeks Ended:									
MAY 6, 1983	201,498	83,015	84,631	33,852	5,427	29,795	97,436	36,141	87,330
APR. 29, 1983	199,082●	82,550●	81,714	34,818	5,265	29,821	97,205	34,592	88,660
MAY 7, 1982	196,782	*N/A*	78,257	*N/A*	5,110	29,773	98,549	43,764	91,883

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 6, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy *DEC* 1982.	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	---------- Daily Average ----------				
DISTRICTS 1-4 TOTAL					
MAY 6, 1983	5,881.4	5,821.0	2,776	236	272,390
APR. 29, 1983	5,881.4	--	2,348	273	270,450●
APR. 22, 1983	5,881.4	--	3,134	198	264,856
APR. 15, 1983	5,881.4	--	2,236	172	266,846
DISTRICT 5 TOTAL					
MAY 6, 1983	2,829.0	2,780.0	145	--	85,456 *
APR. 29, 1983	2,829.0	--	334	14	87,693
APR. 22, 1983	2,829.0	--	37	7	87,317
APR. 15, 1983	2,829.0	--	106	8	89,629
TOTAL U.S.					
MAY 6, 1983	8,710.4	8,601.0	2,921	236	357,846 *
APR. 29, 1983	8,710.4	--	2,682	287	358,143●
APR. 22, 1983	8,710.4	--	3,171	205	352,173
APR. 15, 1983	8,710.4	--	2,342	180	356,475
MAY 7, 1982	8,608.0/A	--	2,510	159	369,002

*INCLUDES 25,672 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR APRIL 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAY. 6, 1983	17,279	79,626	160,491	14,994	272,390	85,456 *	357,846 *
APR. 29, 1983	16,323	80,517●	158,796	14,814	270,450●	87,693	358,143●
MAY. 7, 1982	19,210	82,106	166,563	15,222	283,101	85,901	369,002

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended *MAY 6, 1983*

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	100	4	--	--	104
Central Atlantic	206	150	56	--	14	--	342	5	216	92	875
Lower Atlantic	--	--	--	--	--	88	218	--	--	--	306
DISTRICT 1 TOTAL											
MAY 6, 1983	206	150	56	--	14	88	660	9	216	92	1,285
APR. 29, 1983	84	28	56	--	26	51	814	--	2	71	1,048
APR. 22, 1983	124	53	71	--	10	60	522	2	40	88	846
APR. 15, 1983	171	115	56	--	9	66	707	16	49	31	1,049
DISTRICTS 2-4 TOTAL											
MAY 6, 1983	6	6	--	--	--	--	16	174	29	74	299
APR. 29, 1983	10	10	--	--	--	--	36	240	73	100	459
APR. 22, 1983	33	33	--	--	4	4	36	66	103	75	321
APR. 15, 1983	26	22	4	--	--	--	98	180	68	79	451
DISTRICT 5 TOTAL											
MAY 6, 1983	39	32	7	--	1	7	12	12	--	8	79
APR. 29, 1983	65	57	8	--	3	7	11	4	--	8	98
APR. 22, 1983	32	25	7	--	3	6	13	2	--	7	63
APR. 15, 1983	25	18	7	--	--	6	11	16	--	11	69
TOTAL U.S.	251	188	63	--	15	95	688	195	245	174	1,663
TOTAL U.S. Weeks Ended:											
APR. 29, 1983	159	95	64	--	29	58	861	244	75	179	1,605
APR. 22, 1983	189	111	78	--	17	70	571	70	143	170	1,230
APR. 15, 1983	222	155	67	--	9	72	816	212	117	121	1,569
MAY 7, 1982	138	*N/A*	61	--	10	56	603	170	52	24	1,055

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

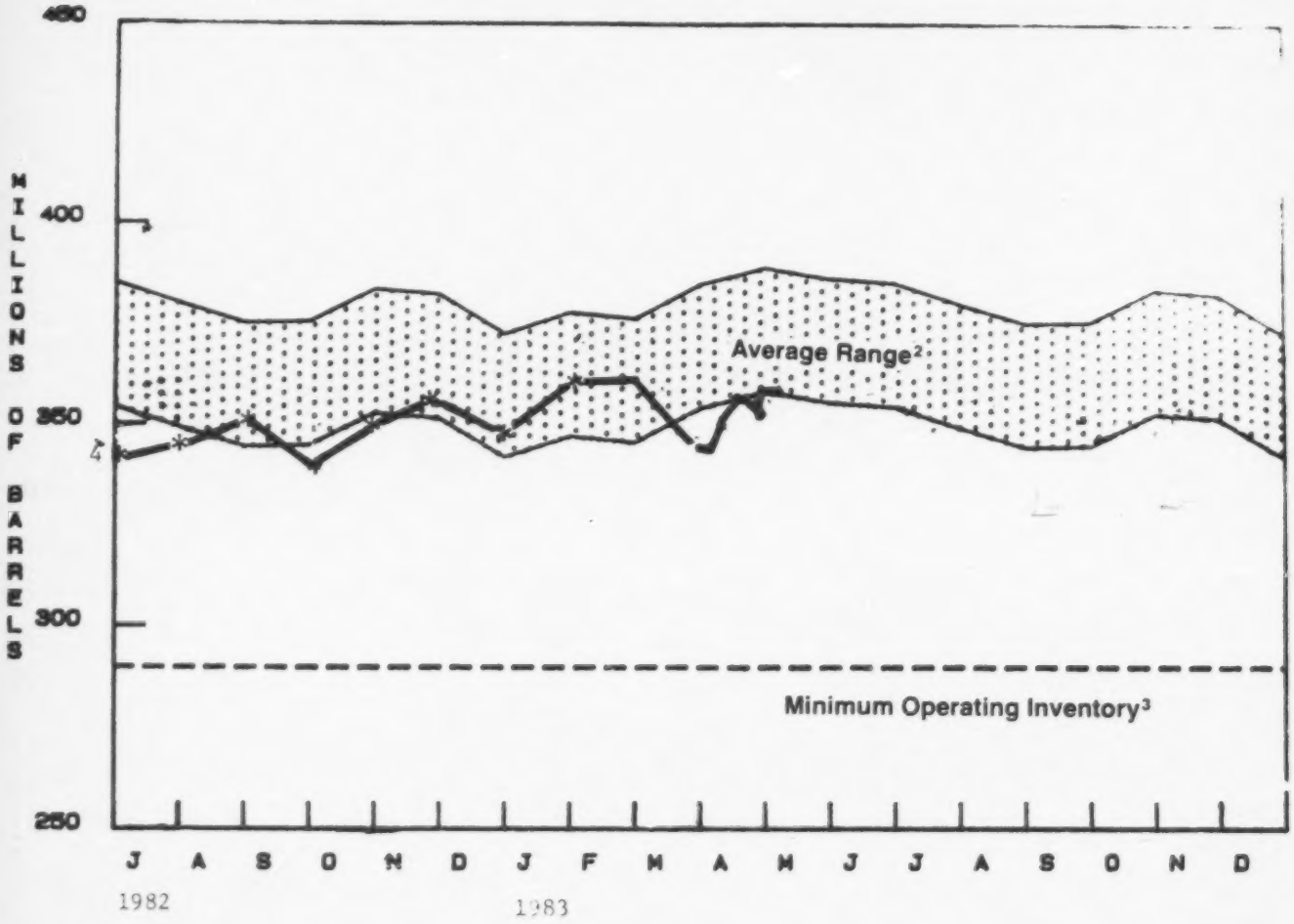
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

4/29/83	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	66,573
			TOTAL U.S.	225,062
			DISTRICTS 1-4	199,082
		LEADED MGAS	DISTRICT 2 TOTAL	28,489
			TOTAL U.S.	91,226
			DISTRICTS 1-4	82,550
		KEROSINE JET	DISTRICT 5 TOTAL	6,135
			TOTAL U.S.	35,956
	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	270,450
			TOTAL U.S.	358,143
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 2	80,517
		TOTAL	TOTAL PAD DISTRICTS 1-4	270,450
		TOTAL	TOTAL U.S.	358,143

Week Ended May 6, 1983

Crude Oil Stocks at Primary Level[1]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

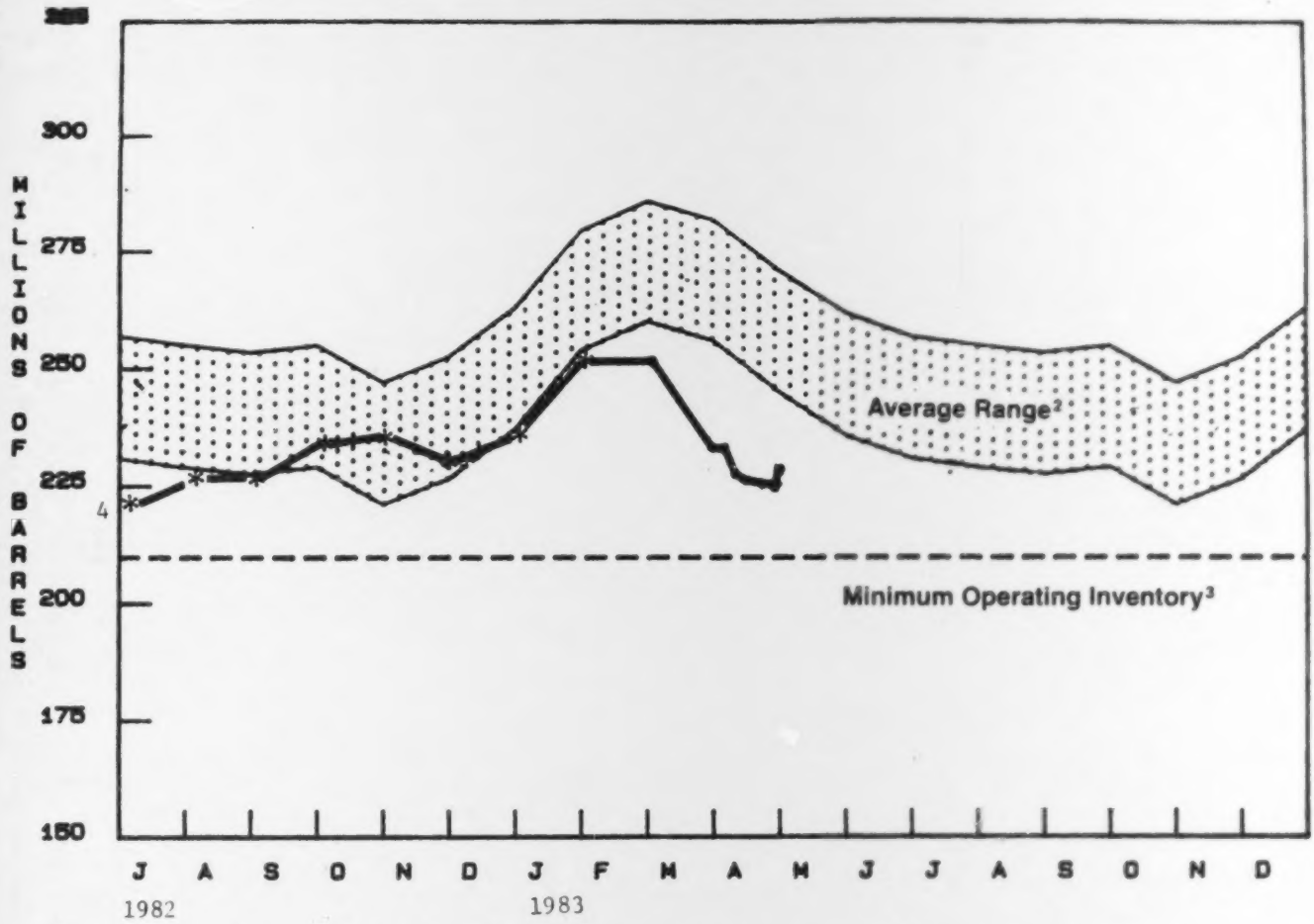
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended May 6,1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.